

Briana N.C. Chronister

EDUCATION

University of California San Diego – San Diego State University PhD in Public Health, Global Health Concentration	San Diego, CA 2019 – 2024
University of Notre Dame Master of Science in Global Health	South Bend, IN July 2015
Bachelor of Science in Biological Sciences Minor: Science Technology and Values	May 2014

PROFESSIONAL EXPERIENCE

Washington University in St Louis <i>Tenure-Track Assistant Professor</i>	St. Louis, MO 2026 – Present
University of California San Diego <i>Postdoctoral Researcher</i>	La Jolla, CA 2024 – 2026
<i>Graduate Student Researcher</i>	2019 – 2024
University of Virginia <i>Clinical Research Coordinator, Intermediate</i>	Charlottesville, VA 2017 – 2019
Icahn School of Medicine at Mount Sinai <i>Program Manager I</i>	New York, NY 2017
<i>Program Coordinator I</i>	2015 – 2017
University of Notre Dame <i>Graduate Student Researcher</i>	South Bend, IN 2014 – 2015

HONORS AND AWARDS

Recipient, *Travel Award*, SERG Conference, 2022

Trainee, *OBSSR T32 Training in Advanced Data Analytics for Behavioral and Social Sciences Grant*, UCSD, 2021-2024

Scholar, *Hispanic Center of Excellence*, San Diego State University, 2021-2022

Recipient, *Tinker Field Research Travel Grant*, University of California San Diego, 2020

Recipient, *Global Health Student Field Experience/Research Award*, University of California San Diego, 2020

Scholar, *Hispanic Center of Excellence*, San Diego State University, 2020-2021

Recipient, *Global Health Travel Award*, University of Notre Dame, 2015

Recipient, *Global Health Scholarship*, University of Notre Dame, 2014

Recipient, *Dooley Society Medical Mission Stipend Award*, University of Notre Dame, 2013

Recipient, *James F. Andrews Scholarship*, University of Notre Dame, 2013

TEACHING

Teaching Assistant

- FMPH 404—Introduction to Environmental and Occupational Health, University of California San Diego, Winter 2022.
- PH 664 – Health, Society and Human Behavior, San Diego State University, Spring 2022.
- PH 620 – SAS for Biostatistics I, San Diego State University, Fall 2020, Fall 2021, Fall 2022.
- PH 629 – SAS for Biostatistics II, San Diego State University, Spring 2021.

SERVICE (University of California San Diego)

AY 2025 – 2026 Public Health Research Day Planning Committee Member
 AY 2020 – 2022 Public Health Seminar Series Organizer

CERTIFICATIONS

1. Certificate in Spatial Analysis, University of California San Diego, Spring 2021.
 - Coursework included:
 1. GPEC 443: GIS and Spatial Data Analysis
 2. GPEC 444: Advanced GIS and Remote Sensing
 3. GPGN 490: Geospatial Analysis with R
2. Certificate of Completion: IGARSS 2023 Summer School: Introduction to Geospatial Raster and Vector Data with Python
3. Certificate of Completion: IGARSS 2023 Summer School: Deep Learning for Remote Sensing Data Analysis, July 14, 2023
4. Certificate of Completion: IGARSS 2023 Summer School: Introduction to Radar Interferometry and its Applications, July 15, 2023
5. Certificate in Machine Learning, UC San Diego Extended Studies, In Progress.

MENTORING

2025-2026	An Nguyen, UCSD, Bachelors in Public Health Student
2025-2026	Naimisha Adira, UCSD, Master's in Public Health Student
2021-2022	Priyanka Mehta, UCSD, Master's Student Capstone Committee Member
2020-2023	Andrea Cardenas, UCSD, Bachelors in Public Health Research Project
2019-2021	Eduardo Gonzalez, UCSD, Bachelors in Public Health Research Project

INVITED PRESENTATIONS

1. Leveraging Remote Sensing and Machine Learning to Assess the Impact of Home Proximity to Agriculture on Pesticide Exposure, Depression, and Anxiety in an Ecuadorian Agricultural Community. San Marcos State University. 2025.
2. Introduction to Macros in SAS. San Diego State University. 2021, 2022, 2023, 2024, and 2025.
3. Implementing an Antibiotic Resistance Education Program in Ecuador. San Diego State University. 2022.

RESEARCH PUBLICATIONS AND PRESENTATIONS

Publications

1. **Chronister BNC**, Gonzalez E, Hussari M.N, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Jacobs Jr. DR, Martinez D, Bradman A, Hong S, Moore RC, Suarez-Lopez JR. *Urinary Pesticide Biomarker Associations with Depression and Anxiety Scores in Adolescents and Young Adults in the ESPINA cohort*. Journal of Psychiatric Research. 2026 (199): 175-188.
2. Kayser GL, Zhang J, Baghdadi A, Wei J, **Chronister BNC**, Calderon-Villareal A, Brouwer KB, Suarez-Torres J, Cruz F, Suarez-Lopez JR. *Sex and Adrenal Hormone Alteration in Ecuadorian Adolescents with Home and School Proximity to Floriculture Crop Area*. Environmental Health (2026). <https://doi.org/10.1186/s12940-026-01291-x>
3. Pfaff M, Zambrano-Romero A, LeFebvre GH, Ochoa-Herrera V, Gupta S, **Chronister BNC**, Miannecki AL, Carpintero-Salvador N, Checkoway H, Suarez-Lopez JR, Kayser GL. Occurrence of insecticides, fungicides, and herbicides in household drinking and irrigation water in an intensive floriculture region of Ecuador. Environmental Pollution (2026): 127757.
4. Moore RC, **Chronister BNC**, Quynh A, Yang K, Tu X, Martinez D, Suarez-Torres J, Bradman A, Suarez-Lopez JR. *Mobile vs traditional neuropsychological testing in Ecuadorian adolescents and young adults: a single- and burst-administration study in the ESPINA cohort*. Neuropsychology. 2025 Oct 23. doi: 10.1037/neu0001048. Epub ahead of print. PMID: 41129389.

5. Mehta P, Parajuli RP, **Chronister BNC**, Yang K, Tu X, Martinez D, Suarez-Torres J, Suarez JR. *Pesticide biomarkers and liver biomarkers among Ecuadorian adolescents living in agricultural settings*. *Toxics*. 2025;13(8):685. doi:10.3390/toxics13080685.
6. Elliott A, Parajuli RP, Mazella M, Yang K, **Chronister BNC**, Huset CA, Peterson L, Martinez D, Barr DB, Ratnani P, Gennings C, Gahagan S, Cruz F, Suarez-Torres J, Suarez-Lopez JR. *Glyphosate, dithiocarbamate fungicides, and PFAS in relation to body fat composition and body mass index among adolescents in agricultural communities*. *Environ Res*. 2025;285(Pt 2):122378. doi:10.1016/j.envres.2025.122378. PMID: 40701380.
7. Parajuli RP, **Chronister BNC**, Barr DB, Suarez-Lopez JR. *Urinary pesticide biomarkers from adolescence to young adulthood in an agricultural setting in Ecuador: ESPINA study 2016 and 2022 examination data*. *Data Brief*. 2025;61:111882. doi:10.1016/j.dib.2025.111882. PMID: 40777557; PMCID: PMC12329275.
8. **Chronister BNC**, Kayser G, de la Cruz F, Suarez-Torres J, Lopez-Paredes D, Gahagan S, Checkoway H, Jankowska MM, Suarez-Lopez JR. *Relationships of residential distance to greenhouse floriculture and organophosphate, pyrethroid, and neonicotinoid urinary metabolite concentration in Ecuadorian adolescents*. *Int J Health Geogr*. 2025;24(1):9. doi:10.1186/s12942-025-00395-w.
9. Hussari M, **Chronister BNC**, Yang K, Tu X, Martinez D, Suarez-Torres J, Hong S, Suarez-Lopez JR. *Associations between pesticide metabolites and inflammatory biomarkers in adolescents and children living in an agricultural region*. *Expo Health*. 2025;1-18. doi:10.1007/s12403-025-00685-2.
10. Suarez-Lopez JR, Andemichael B, Yang K, **Chronister BNC**, Mackey C, Tu X, Gahagan S, Martinez D, Checkoway H, Jacobs DR, Suarez-Torres J, Hong S. *Inflammation biomarkers and neurobehavioral performance in rural adolescents*. *Brain Behav Immun Health*. 2025;43:100912. doi:10.1016/j.bbih.2025.100912.
11. **Chronister BNC**, Justo D, Wood RJ, Lopez-Paredes D, Gonzalez E, Suarez-Torres J, Gahagan S, Martinez D, Jacobs DR, Checkoway H, Jankowska MM, Suarez-Lopez JR. *Sex and adrenal hormones in association with insecticide biomarkers among adolescents living in Ecuadorian agricultural communities*. *Int J Hyg Environ Health*. 2024;259:114386. doi:10.1016/j.ijheh.2024.114386.
12. **Chronister BNC**, Yang K, Yang AR, Lin T, Tu XM, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Martinez D, Ospina M, Calafat AM, Barr D, Moore RC, Suarez-Lopez JR. *Glyphosate, 2,4-D, and DEET biomarkers in relation to neurobehavioral performance in Ecuadorian adolescents in the ESPINA cohort*. *Environ Health Perspect*. 2023;131(10):107007. doi:10.1289/EHP11383.
 - a. Highlighted in: Lewis J. A thorny problem: glyphosate and 2,4-D associated with neurobehavioral effects for Ecuadorian adolescents. *Environ Health Perspect*. 2023;131(12):EHP14169. doi:10.1289/EHP14169.
13. Ramos SD, Kannout L, Khan H, Klasko-Foster L, **Chronister BNC**, Du Bois S. *A neighborhood-level analysis of mental health distress and income inequality as quasi-longitudinal risk of reported COVID-19 infection and mortality outcomes in Chicago*. *Dialogues Health*. 2023;2:100091. doi:10.1016/j.dialog.2022.100091. PMID: 36530218; PMCID: PMC9731648.
14. Forkin KT, Mitchell RD, Chiao SS, Song C, **Chronister BNC**, Wang XQ, Chisholm CA, Tiouririne M. *Impact of timing of multimodal analgesia in enhanced recovery after cesarean delivery protocols on postoperative opioids: a single center before-and-after study*. *J Clin Anesth*. 2022;80:110847. doi:10.1016/j.jclinane.2022.110847. PMID: 35468349.
15. **Chronister BNC**, Wu T, Santella RM, Neugut AI, Wolff MS, Chen J, Teitelbaum SL, Parada H Jr. *Dietary acid load, serum polychlorinated biphenyl levels, and mortality following breast cancer in the Long Island Breast Cancer Study Project*. *Int J Environ Res Public Health*. 2021;19(1):374. doi:10.3390/ijerph19010374. PMID: 35010632; PMCID: PMC8751127.
16. **Chronister BNC**, Gonzalez E, Lopez-Paredes D, Suarez-Torres J, Gahagan S, Martinez D, Barros J, Jacobs DR Jr, Checkoway H, Suarez-Lopez JR. *Testosterone, estradiol, DHEA, and cortisol in relation to anxiety and depression scores in adolescents*. *J Affect Disord*. 2021;294:838-846. doi:10.1016/j.jad.2021.07.026. PMID: 34375211; PMCID: PMC8992006.

17. Krishnan R, Deal L, Chisholm C, **Cortez B**, Boyle A. Concordance between obstetric anatomic ultrasound and fetal echocardiography in detecting congenital heart disease in high-risk pregnancies. *J Ultrasound Med*. 2021;40(10):2105-2112. doi:10.1002/jum.15592. PMID: 33301225.
18. Daivadanam M, Ingram M, Sidney Annerstedt K, Parker G, Bobrow K, Dolovich L, Gould G, Riddell M, Vedanthan R, Webster J, Absetz P, Mölsted Alvesson H, Androutsos O, Chavannes N, **Cortez B**, Devarasetty P, Fottrell E, Gonzalez-Salazar F, Goudge J, Herasme O, Jennings H, Kapoor D, Kamano J, Kasteleyn MJ, Kyriakos C, Manios Y, Mogulluru K, Owolabi M, Lazo-Porras M, Silva W, Thrift A, Uvere E, Webster R, van der Kleij R, van Olmen J, Vardavas C, Zhang P. The role of context in implementation research for non-communicable diseases: answering the “how-to” dilemma. *PLoS One*. 2019;14(4):e0214454. doi:10.1371/journal.pone.0214454. PMID: 30958868; PMCID: PMC6453477.

Under Review

1. Hernandez R, Schneider S, Parrish E, Campbell L, Fanning J, Jin H, Roll SC, Harvey P, **Chronister BNC**, Ginsberg JP, Moore RC. *Contextual Conditions Facilitating or Compromising Momentary Cognitive Performance in Everyday Environments*. Psychological Science. Under Review.
2. Parajuli RP, Brandveen K, **Chronister BNC**, Gould CF, Martinez D, Lopez-Paredes D, Suarez-Lopez JR. *Social Support, Traditional Care Practices, and Mental Health in Rural Ecuadorian Youth*. Nature Mental Health. Under Review.
 - a. Pre-print: Parajuli, Rajendra Prasad, et al. "Social Support, Traditional Care Practices, and Mental Health in Rural Ecuadorian Youth." medRxiv (2026): 2026-01.
3. Dastoorpour M, Meha AS, **Chronister BNC**, Lopez-Paredes D, Suarez-Torres J, Suarez-Lopez J.R. *Elevated Blood Pressure and Lower Acetylcholinesterase Activity in Children Following Peak Agricultural Pesticide Use Periods: A Longitudinal Analysis in the ESPINA study*. Journal Of Exposure Science And Environmental Epidemiology. Under Review.

Acknowledgements

1. Dreisbach C, Prescott S, Siega-Riz AM, McCulloch J, Habermeyer L, Dudley D, Trinchieri G, Kelsey C, Alhusen J. *Composition of the maternal gastrointestinal microbiome as a predictor of neonatal birth weight*. Pediatric Research. 2023. <https://doi.org/10.1038/s41390-023-02584-4>
2. Dreisbach C, Prescott S, Alhusen J, Dudley D, Trinchieri G, Siega-Riz AM. *Association between microbial composition, diversity, and function of the maternal gastrointestinal microbiome with impaired glucose tolerance on the glucose challenge test*. Plos one. 2022; 17(12), e0271261.
3. Dreisbach C, Alhusen J, Prescott S, Dudley D, Trinchieri G, Siega-Riz AM. *Metagenomic characterization of the maternal prenatal gastrointestinal microbiome by BMI*. Obesity. 2022;31(4):412-422. doi: 10.1002/oby.23659.S
4. Vedanthan R, Tuikong N, Kofler C, Blank E, Kamano JH, Naanyu V, Kimaiyo S, Inui TS, Horowitz CR, Fuster V. *Barriers, and facilitators to nurse management of hypertension: a qualitative analysis from western Kenya*. Ethnicity and Disease. 26(3), 315-322.
5. Vedanthan R, Ray M, Fuster V, Magenheimer E. *Hypertension treatment rates and health care worker density: An analysis of worldwide data*. Hypertension. 2019; 73, 594–601. <https://doi.org/10.1161/HYPERTENSIONAHA.118.11995>

Presentations

1. **Chronister BNC**, Parrish E, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Quynh A, Martinez D, Bradman A, Moore R.C., Suarez-Lopez J. *Peak Agricultural Pesticide Spray Periods are related to Real-World Cognition Using an Ecological Momentary Assessment Burst Design over Two Years*. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2026.
2. **Chronister BNC**, Parrish E, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Quynh A, Martinez D, Bradman A, Moore R.C., Suarez-Lopez J. *Agricultural Peak Pesticide Spray Periods are associated with Real World Positive Affect, Negative Affect and Externalizing symptoms over Two Years*. Poster Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August

- 2026.
3. Adira N, **Chronister BNC**, Nguyen A, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Bradman A. *Urinary Herbicides, Fungicides, and DEET Biomarker Associations with Depression and Anxiety Scores from Adolescence into Young Adulthood in ESPINA*. Poster Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2026.
 4. Hernandez R, **Chronister BNC**, Parrish E, Harvey P, Schneider S, Campbell L, Moore RC. *Repeated and Brief Assessment of Real-World Cognitive Performance and Influencing Factors*. Poster Presentation. Accepted. International Society for CNS Clinical Trials and Methodology (ISCTM), Washington, D.C., February 2026.
 5. **Chronister BNC**, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Martinez D, Hong S, Moore RC, Suarez-Lopez JR. *Longitudinal Associations of Urinary Pesticide Metabolites with Depression and Anxiety Symptoms from Adolescence to Young Adulthood*. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2025.
 6. Kayser G, Zhang J, Calderón-Villareal A, **Chronister BNC**, Suarez-Torres J, Checkoway H, De la Cruz F, Suarez-Lopez J.R. *Children's Proximity to Pesticide Spray Sites and Neurobehavioral Performance in Ecuador*. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2025.
 7. **Chronister BNC**, Suarez-Torres J, Martinez D, Lopez-Paredes D, Gahagan S, Sousa D, Prada Jr H, Quintana PJE, Gaines T, Moore RC, Suarez-Lopez JR. *Home proximity to agricultural crops in relation internalizing symptoms in Ecuadorian adolescents and young adults*. Poster Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2025.
 8. Brandveen K, Parajuli RP, **Chronister BNC**, López-Ramirez D, Suarez-Lopez J.R. *Use of social support and ancestral medicine for mental health outcomes among adolescents in the agricultural region of Pedro Moncayo, Ecuador*. Poster Presentation. Annual Conference of the International Society for Environmental Epidemiology, Atlanta, Georgia, August 2025.
 9. **Chronister BNC**, Reyes S, Huezos A, Suarez-Torres J, Checkoway H, Cruz F, Moore RC, Sousa D, Suarez-Lopez JR. *Leveraging Remote Sensing and Machine Learning to Assess Pesticide Exposure from Agricultural Drift in Pedro Moncayo, Ecuador*. Poster Presentation. UC San Diego Public Health Research Day, La Jolla, California, May 5, 2025.
 10. Zambrano-Romero A, Ochoa-Herrera V, Suarez-Torres J, LeFevre G, **Chronister BNC**, Suarez-Lopez JR, Kayser, G. *Pesticides and Microbial Contamination in Irrigation Systems of Pedro Moncayo-Ecuador*. Poster Presentation. UC San Diego Public Health Research Day, La Jolla, California, May 5, 2025.
 11. Parajuli RP, Mehta P, **Chronister BNC**, Feldstein AE, Yang K, Suarez-Lopez JR. *Pesticide and liver biomarkers among Ecuadorians living in agrarian settings*. Poster Presentation. UC San Diego Public Health Research Day, La Jolla, California, May 5, 2025.
 12. Gupta S, LeFevre G, Ochoa-Herrera V, Zambrano-Romero A, **Chronister BNC**, Miannecki A, Caprintero-Salvadore N, Checkoway H, Suarez-Torres, Suarez-Lopez JR, Kayser GL. *Neonicotinoid and atrazine pesticides in children's household drinking and irrigation water near floriculture in Pedro Moncayo, Ecuador*. Poster presentation. Consortium of Universities for Global Health, Atlanta, GA, February 20-23, 2025.
 13. **Chronister BNC**, Reyes S, Huezos A, Suarez-Torres J, Checkoway H, Cruz F, Moore R.C., Sousa D, Suarez-Lopez JR. *Leveraging Remote Sensing And Uniform Manifold Approximation And Projection To Assess The Impact Of Home Proximity to Agriculture on Pesticide Exposure in an Ecuadorian Agricultural Community*. Poster Presentation. American Geophysical Union (AGU) Conference, Washington, D.C., December 9-13, 2024.
 14. **Chronister BNC**, Reyes S, Sousa D. *Using Manifold Learning and Segment Anything to identify small- and large-scale agriculture in an Equatorial Agricultural Community*. Poster Presentation. American Geophysical Union (AGU) Conference, Washington, D.C., December 9-13, 2024.
 15. **Chronister BNC**, Quynh A, Yang K, Tu X, Martinez D, Suarez-Torres J, Bradman A, Suarez-Lopez JR, Moore RC. *Comparing Mobile Cognitive Testing with Traditional Neuropsychological Testing in Ecuadorian Adolescent and Young Adults in the ESPINA Cohort: A Single- and Burst-Administration Study*. Poster Presentation. Technology in Psychiatry Summit (TIPS), Phoenix, Arizona, December 7th, 2024.
 16. **Chronister BNC**, Kayser G, de la Cruz F, Suarez-Torres J, Lopez-Paredes D, Gahagan S, Checkoway H,

- Jankowska MM, Suarez-Lopez JR. *Home distance to Greenhouse Floriculture and Organophosphate, Pyrethroid, and Neonicotinoid Urinary Metabolite Concentration in Ecuadorian Adolescents*. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, Santiago, Chile, August 2024.
17. Hussari MN, **Chronister BNC**, Yang K, Tu X, Parajuli R, Martinez D, Suarez-Torres J, Hong S, Suarez-Lopez JR. Associations between Pesticide Metabolites and Inflammatory Biomarkers in Adolescents and Children Living in an Agricultural Region. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, Santiago, Chile, August 2024.
 18. **Chronister BNC**, Kayser G, de la Cruz F, Suarez-Torres J, Lopez-Paredes D, Gahagan S, Checkoway H, Jankowska MM, Suarez-Lopez JR. *Home distance to Greenhouse Floricultural and Organophosphate, Pyrethroid, and Neonicotinoid Urinary Metabolite Concentration in Ecuadorian Adolescents*. Poster Presentation. University of California San Diego Public Health Research Day, May 2024.
 19. Hussari M, **Chronister BNC**, Yang K, Tu X, Martinez D, Suarez-Torres J, Hong S, Suarez-Lopez JR. *Associations between Pesticide Metabolites and Inflammatory Biomarkers in Adolescents and Children Living in an Agricultural Region*. Poster Presentation. UC San Diego Public Health Research Day, May 2024. Received Outstanding Poster Award.
 20. **Chronister BNC**, Kayser G, de la Cruz F, Suarez-Torres J, Lopez-Paredes D, Gahagan S, Checkoway H, Jankowska M, Suarez-Lopez JR. *Home distance to Greenhouse Floricultural and Organophosphate, Pyrethroid, and Neonicotinoid Urinary Metabolite Concentration in Ecuadorian Adolescents*. Oral Presentation. UCSD Integrated Cardiovascular Epidemiology Fellowship and the Advanced Data Analytics Training for Behavioral and Social Sciences Research (TADA-BSSR) Joint Research Symposium, October 2023.
 21. **Chronister BNC**, Gonzalez E, Contreras A, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Jacobs Jr. DR, Martinez D, Suarez-Lopez JR. *Associations of Pesticide Exposure with Depression and Anxiety in Ecuadorian Adolescents, and Effect Modification by Social Determinants of Health*. Poster Presentation. Annual Conference of the International Society for Environmental Epidemiology, September 2023.
 22. **Chronister BNC**, Justo D, Lopez-Paredes D, Gonzalez E, Suarez-Torres J, Gahagan S, Martinez D, Jacobs DR, Checkoway H, Suarez-Lopez JR. *Urinary Organophosphate and Neonicotinoid Metabolites in relation to Sex and Adrenal Hormones among Adolescents living in Ecuador*. Accepted. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, September 2023.
 23. **Chronister BNC**, Jankowska MM, Kayser G, Suarez-Torres J, Gahagan S, Checkoway H, Suarez-Lopez JR. *Geospatial determinants of urinary insecticide concentrations and internalizing disorders in Ecuadorian adolescents*. Presented. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, October 2022.
 24. Kayser G, Zhang J, Wei J, **Chronister BNC**, Suarez-Lopez JR. *Residential Proximity to Pesticide Sprayed Sites and Sex and Adrenal Hormones in Ecuadorian Adolescents*. Presented. Oral Presentation. Annual Conference of the International Society for Environmental Epidemiology, October 2022.
 25. Chairs: **Chronister BNC**, Suarez-Lopez JR; Presenters: Ritz B, Kayser G, **Chronister BNC**, Simões M, Gunier R, Palomo L. *Location, Location, Location! The importance of geospatial exposure constructs to assess pesticide exposures and related adverse health outcomes in agricultural settings*. Facilitated. Symposium. International Society for Environmental Epidemiology Conference, October 2022.
 26. **Chronister BNC**, Justo D, Lopez-Paredes D, Gonzalez E, Suarez-Torres J, Gahagan S, Martinez D, Jacobs Jr. DR, Checkoway H, Suarez-Lopez JR. *Urinary Organophosphate and Neonicotinoid Metabolites in relation to Sex and Adrenal Hormones among Adolescents living in Ecuadorian Agricultural Communities*. Poster Presentation. Society for Epidemiologic Research Conference, Chicago, IL, USA. June 14-17, 2022.
 27. **Chronister BNC**, Gonzalez E, Contreras A, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Jacobs Jr. DR, Martinez D, Suarez-Lopez JR. (2022, April 21-22). *Associations of Pesticide Exposure with Depression and Anxiety in Ecuadorian Adolescents, and Effect Modification by Social Determinants of Health*. Accepted. Oral Presentation. Socio-Environmental Research Group (SERG) Conference, April 2022.
 28. Suarez JR, **Chronister BNC**, Kayser G, Suarez-Torres J, Checkoway H, Friedman E, Martinez D. *Residential proximity to crops in relation to pesticide exposure and mental health in Ecuadorian children and adolescents: The ESPINA study*. Presented. Oral Presentation. International Congress on Occupational Health,

December 2021.

29. **Chronister BNC**, Justo D, Lopez-Paredes D, Gonzalez G, Suarez-Torres J, Gahagan S, Martinez D, Jacobs Jr DR, Checkoway H, Suarez-Lopez JR. *Associations of Glyphosate with Testosterone, Cortisol, DHEA, and Estradiol in Ecuadorian Adolescents*. Presented. Oral Presentation. International Society of Environmental Exposures Conference, August 2021.
30. Suarez-Lopez JR, **Chronister BNC**, Yang K., Tu X, Lopez-Paredes D, Checkoway H, Suarez-Torres J, Gahagan S, Jacobs Jr. DR. *Associations of herbicides and DEET repellent metabolites with neurobehavioral performance in adolescents*. Presented. Oral Presentation. International Society of Environmental Exposures Conference, August 2021.
31. Gonzalez E, **Chronister BNC**, Sadler GR, Suarez-Lopez JR. *Gastric and lymphatic-hematopoietic tissue cancer mortality across provinces in Ecuador, 2010 – 2020*. Oral presentation. UC San Diego Summer Research Conference. Virtual, August 12, 2021.
32. **Chronister BNC**, Wu T, Santella RM, Neugut AI, Wolff MS, Teitelbaum SL, Parada Jr H. *Dietary acid load, serum polychlorinated biphenyl (PCB) levels, and mortality following breast cancer in the Long Island Breast Cancer Study Project*. Presented. Poster Presentation. March 2021. American Society of Preventative Oncology Conference, Virtual, March 2021.
33. Gonzalez E, **Chronister B**, Nguyen-Grozavu F, Suarez-Lopez J. *Pesticide Exposure: A Risk Factor for Childhood Leukemia among Hispanic American*. Oral Presentation. International Cancer Education Conference, Virtual Conference, October 2020.
34. **Chronister B**, Lopez-Paredes D, Gonzalez E, Suarez-Torres J, Gahagan S, Martinez D, Barros J, Checkoway H, Suarez-Lopez J. *The Effects of Testosterone, Estradiol, Dehydroepiandrosterone, and Cortisol on Anxiety and Depression Symptoms in Ecuadorian Adolescents*. Poster Presentation. American Academy of Pediatrics Conference, Virtual Conference, October 2020.
35. Gonzalez E, **Chronister B**, Nguyen-Grozavu F, Binda A, Suarez-Lopez JR, Sadler GR. *Linking pesticide exposure to childhood leukemia among Hispanic Americans*. Oral Presentation. UC San Diego Summer Research Conference, virtual, August 13, 2020.
36. Gammon B, Melanson N, **Chronister B**, Urban A, Chisholm C, Ferguson J, Dudley D. *Validation of a cesarean delivery risk calculator in women undergoing induction of labor*. Poster Presentation. American Congress of Obstetricians and Gynecologists Conference, Seattle, Washington, April 2020.
37. Whitham M, Gammon E, **Chronister B**, Urban A, Silver R, Reddy U, Dudley D. Risk factors for recurrent stillbirth (SB): results from the Stillbirth Collaborative Research Network (SCRN). Poster Presentation. Society for Maternal and Fetal Medicine Conference, Grapevine, Texas, February 2020.
38. Mitchell R, **Chronister BN**, Chisholm CA, Tiouririne M. *Pain management and opioid utilization after updating the enhanced recovery after surgery for scheduled cesarean*. Poster Presentation. The Anesthesiology Annual Meeting, Orlando, Florida, October 2019.
39. Podwika S, Wang C, Zuber MJ, Chisholm C, **Cortez B**, Dudley D. *Morbidly Adherent Placenta Interdisciplinary Management*. Poster Presentation. American Congress of Obstetricians and Gynecologists Conference, Orlando, Florida, May 2019
40. Zuber MJ, Dudley D, Carlson S, Cotton-Caballero A, **Cortez B**. *Urine protein/creatinine ratio (UPCR) at term: a prospective cohort study*. Poster Presentation. American Congress of Obstetricians and Gynecologists Conference, Orlando, Florida, May 2019
41. Lane MA, Dudley D, **Cortez B**, Boyle A, Ferguson J. *Antenatal Predictors of NICU Admission at a High-Risk Perinatal Center*. Poster Presentation. American Congress of Obstetricians and Gynecologists Conference, Orlando, Florida, May 2019
42. Scrivani C, **Cortez B**, Chisholm C, Boyle A, Ferguson J, Kirk S, Dudley D. *Maternal Complications in Type 2 Diabetes Mellitus Treated with Combination Compared to Single Agent Therapy*. Poster Presentation. American Congress of Obstetricians and Gynecologists Conference, Orlando, Florida, May 2019
43. Krishnan R, Deal L, **Cortez B**, Mitchell R, Chisholm C, Boyle A. *Concordance Between Obstetric Anatomic Ultrasound and Fetal Echocardiography in Diagnosing Fetal Cardiac Anomalies*. Oral Presentation. American Institute of Ultrasound in Medicine Convention, Orlando, Florida, April 2019.
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